

130.	Waste The person undertaking the activity to which this permit relates must ensure that all regulated wastes consigned for transport off-site are transported only by a person who is lawfully approved to transport the waste.	Ongoing
131.	Notification of improper disposal of regulated waste The person undertaking the activity to which this permit relates must ensure that if a person removes regulated waste associated with activities at the licensed place and disposes of such waste in a manner which is not authorised or is improper or unlawful then, as soon as practicable, the person undertaking the activity to which this permit relates must notify the administering authority (currently DEHP) of all relevant facts, matters and circumstances known concerning the disposal.	Ongoing

STANDARD ADVICE

Please note that in order to lawfully undertake development, it may be necessary to obtain approvals other than this PDA development approval, some specific advices are outlined below. Other advices may include other approvals under the *Economic Development Act 2012* as well as the *Sustainable Planning Act 2009* (e.g. for building work), the *Plumbing and Drainage Act 2002* and the Commonwealth *Environmental Protection and Biodiversity Conservation Act 1999*. Carrying out development may also be subject to 'duty of care' legislation such as the *Aboriginal Cultural Heritage Act 2003*. For advice on other approvals that may be necessary in relation to your proposal, please seek professional advice.

Please note: The above information has been provided to the applicant as an advice only, and does not form part of the development approval conditions. This advice has been provided to the applicant to inform them of other obligations they may have to comply with (under state legislation or local laws) prior to their activity commencing.

Sewage Treatment Plant ERA 63 1(d)

In addition to the requirements found in the conditions of this permit, the person undertaking the activity to which this permit relate must also meet their obligations under the *Environmental Protection Act 1994 Act*, and the regulations made under that Act.

Supplying treated wastewater for reuse

The supply of treated wastewater is regulated under the *Water Supply (Safety and Reliability) Act 2008* and is not covered by this permit. It is the permit holder's responsibility to ensure an appropriate standard of treated wastewater ("recycled water") is supplied for the intended third party use if applicable.

OTHER ADVICE

Special Infrastructure Levy (or similar rate or charge)

An annual special infrastructure levy may be applied to properties in the Greater Flagstone PDA to assist in funding strategies to mitigate potential development impacts outside the PDA. Potential landowners must be made aware of the special infrastructure levy prior to the purchase of land.

Clearing of Vegetation

This PDA development approval does not approve the clearing of vegetation. An Operational Works approval needs to be obtained prior to the clearing of significant vegetation.

DEFINITIONS

Words and phrases used throughout this licence or development approval are defined below: Where a definition for a term used in this authority is sought and the term is not defined within this authority the definitions provided in the *Environmental Protection Act 1994*, its regulations, and Environmental Protection Policies shall be used

Activity means the environmentally relevant activities, whether resource activities or prescribed activities, to which the environmental authority relates.

Administering authority means the Chief Executive of the Department of Environment and Heritage Protection or its successor or predecessors.

Appropriately qualified person(s) means a person or persons who has professional qualifications, training, skills or experience relevant to the nominated subject matter and can give authoritative assessment, advice and analysis to performance relative to the subject matter using the relevant protocols, standards, methods or literature.

Approved place means the Flinders Sewage treatment Plant(s) located at Undullah Road Undullah Queensland.

Authorised person means a person holding office as an authorised person under an appointment under the *Environmental Protection Act 1994* by the chief executive or chief executive officer of a local government.

Background means noise, measured in the absence of the noise under investigation, as L_{A90,T} being the A-weighted sound pressure level exceeded for 90 percent of the time period of not less than 15 minutes, using Fast response.

BOD₅ means the 5 day biochemical oxygen demand determined using a test sample uninhibited for either carbonaceous material or nitrogen at twenty degrees centigrade.

Boundary means within 1m of the cadastral boundary of the approved place.

By-pass release mean discharge events during which treated wastewater has not been fully treated is discharged to the receiving environment

Bund or banded in relation to spill containment systems for fabricated or manufactured tanks or containers designed to a recognised standard means an embankment or wall of brick, stone, concrete or other impervious material which may form part or all of the perimeter of a compound and provides a barrier to retain liquid. Since the bund is the main part of a spill containment system, the whole system (or banded area) is sometimes colloquially referred to within industry as the bund. The bund is designed to contain spillages and leaks from liquids used, stored or processed above ground and to facilitate clean-up operations. As well as being used to prevent pollution of the receiving environment, bunds are also used for fire protection, product recovery and process isolation.

Commercial place means a place used as a workplace, an office or for business or commercial purposes and includes a place within the curtilage of such a place reasonably used by persons at that place.

Dust Sensitive Place means -

- a dwelling, mobile home or caravan park, residential marina or other residential place;
- a motel, hotel or hostel;
- a kindergarten, school, university or other educational institution;
- a medical centre or hospital;
- a protected area;

- a park or gardens; or
- a place used as an office or for business or commercial purposes.

and includes the curtilage of any such place

Environmental nuisance (the Act) is unreasonable interference or likely interference with an environmental value caused by—

- aerosols, fumes, light, noise, odour, particles or smoke; or
- an unhealthy, offensive or unsightly condition because of contamination; or
- another way prescribed by regulation.

Environmental value (the Act) is—

- a quality or physical characteristic of the environment that is conducive to ecological health or public amenity or safety; or
- another quality of the environment identified and declared to be an environmental value under an environmental protection policy or regulation.

EP Act means the *Environmental Protection Act 1994* and all legislation subordinate to this act.

Floodplain has the meaning in the *Water Act 2000* and means an area of reasonably flat land adjacent to a watercourse that—

- is covered from time to time by floodwater overflowing from the watercourse; and
- does not, other than in an upper valley reach, confine floodwater to generally follow the path of the watercourse; and
- has finer sediment deposits than the sediment deposits of any bench, bar or in-stream island in the watercourse

$L_{Aeq,adj,T}$ means the adjusted A weighted equivalent continuous sound pressure level measures on fast response, adjusted for tonality and impulsiveness, during the time period T, where T is measured for a period no less than 15 minutes when the activity is causing a steady state noise, and no shorter than 1 hour when the approved activity is causing an intermittent noise.

Land in the "land schedule" of this document means land excluding waters and the atmosphere.

Long term median means the median value of the measured values in ranked order of the quality characteristic is not to exceed the stated release limit for any fifty (50) consecutive samples where:

- the consecutive samples are taken over a one (1) year or 52 week period (on a rolling basis for limit calculations); and
- the consecutive samples are taken on a weekly basis when there is a release on that day (not less than six (6) days and not greater than eight (8) days).

$MaxL_{PA,T}$ means the maximum A-weighted sound pressure level measured over a time period T of not less than 15 minutes, using Fast response.

Median means the middle value, where half the data is smaller and half the data is larger. If the number of samples is even, the median is the arithmetic average of the two middle values.

mg/L means milligrams per litre.

Measures have the broadest interpretation and include plant, equipment, physical objects, monitoring, procedures, actions, directions and competency.

N.A.T.A. means National Association of Testing Authorities, Australia

Noise Measurement Manual means the following document or more recent additions or supplements to that document as such become available:

- Environmental Protection Agency. (2013). *Noise Measurement Manual Third Edition*, Department of Environment and Heritage Protection, Brisbane, Australia.

Noxious means harmful or injurious to health or physical well-being.

NTU means nephelometric turbidity units

Offensive means causing offence or displeasure; is unreasonably disagreeable to the sense; disgusting, nauseous or repulsive.

PM₁₀ means particulate matter with an aerodynamic diameter of less than 10µm or equal to (PM₁₀).

Prescribed contaminants means contaminants listed within Schedule 9 of the Environmental Protection Regulation 2008.

Short term median means the median value of the measured values in ranked order of the quality characteristic is not to exceed the stated release limit for any five (5) consecutive samples where:

- the consecutive samples are taken over a five (5) week period;
- the consecutive samples are taken at approximately equal periods; and
- the time interval between the taking of each consecutive sample is not less than six (6) days.

Total Nitrogen means the sum of Organic Nitrogen, Ammonia Nitrogen, Nitrite plus Nitrate Nitrogen, which must be reported separately, expressed as mg/L as Nitrogen. This includes both the inorganic and organic fraction of nitrogen.

Total Phosphorus means the sum of the reactive phosphorus, acid-hydrolysable phosphorus and organic phosphorus, as mg/L of phosphorus. This includes both the inorganic and organic fraction of phosphorus

Treated wastewater means effluent that exits the sewage treatment plant following treatment.

Valid complaint means a complaint the administering authority considers is not frivolous, nor vexatious, nor based on mistaken belief.

Waters includes any river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and groundwater and any part thereof.

Watercourse has the meaning provided in Schedule 5, section 12 of the Environmental Protection Regulation 2008 and means a river, creek or stream in which water flows permanently or intermittently—

- (a) in a natural channel, whether artificially improved or not; or
- (b) in an artificial channel that has changed the course of the watercourse.

A watercourse includes the bed and banks and any other element of a river, creek or stream confining or containing water.

Water Quality Sampling Manual means the following document or more recent additions or supplements to that document as such become available:

- *Environmental Protection Agency. (2009). Monitoring and Sampling manual 2009 – Environmental Protection (Water) Policy 2009 Version 2 September 2010*

Weekly means that a sample is collected each week and the subsequent sample must be taken on the seventh day following that day and is inclusive of Saturdays and Sundays (i.e. day rolling forward each week Monday, next week Tuesday).

Year means a period of 12 months

SUPPORTING DOCUMENTS

Supporting documents		
To remove any doubt, the following documents are not approved documents for the purposes of this approval, but rather are supporting documents.		
Supporting plans, reports and specifications	Number (if applicable)	Date (if applicable)
I. Sewerage Treatment Plant & Treated Effluent Irrigation Area Concept Plan Sheet 3 of 3	Drawing Number 23300-STP-P163 Amend G	23-09-13